(19) World Intellectual Property Organization International Bureau



NEETS SINTERO I I STATU HOLD BEHIN BUILD HULL IN HI BEHEN HULL BUILD HULL BUILD BUILD HULL HULL HULL HULL HU

(43) International Publication Date 3 February 2005 (03.02.2005)

PCT

(10) International Publication Number $WO\ 2005/010346\ A1$

(51) International Patent Classification⁷: 59/46, 59/36, 55/02, 61/16

F02M 57/02,

(21) International Application Number:

PCT/US2003/020641

(22) International Filing Date: 30 June 2003 (30.06.2003)

(25) Filing Language:

English

(26) Publication Language:

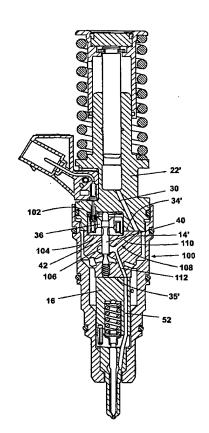
English

- (71) Applicant (for all designated States except US): ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SEELBACH, Klaus [DE/US]; 2639 Winesap Drive NE, Grand Rapids, MI 49525 (US).

- (74) Agents: BAIR, Joel, E. et al.; Mc Garry Bair PC, 171 Monroe Avenue, N.W., Suite 600, Grand Rapids, MI 49503 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CONDUIT ARRANGEMENT IN A CONTROL VALVE MODULE FOR A FUEL INJECTOR ASSEMBLY



(57) Abstract: A control valve module (14') for a fuel injector assembly (10) has a conduit arrangement where a high-pressure passage (108) has a first portion (110) extending linearly between an annulus (106) surrounding the control valve cylinder (42) and an upper edge (34), and a second portion (112) extending linearly between the annulus (106) and a lower edge (35').

WO 2005/010346 A1



Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.